OK

th	Depth 6	Contents 7	Reference to last Measurement 8

IT - 8696-00
VAT - 3478-00
CNF - 8696-00
CST - 870-00
18/16 LC - 1600-00
Cess - 1001-00
Advocate - 70005-00

Assistant Executive Engineer
Vidyaranyapura Sub Division

First & Final Bill

Work Code NO:- 010-16-000006.

SBR No: 301/16-17
24/03/17

BR NO: 214/30.6.17.

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

231354

Serial No.....

Name of work.. Improvements to Roads and Drains at Kallappa Layout and Surrounding Area in Ward No. 10 Vidyaranyapura Sub-Division.....

Name of Contractor of nature of Agency.. Sri. A. Ganguvureddy.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code NO:- 010-16-000006.						
	Head of Account:- P-3089.						
	Estimated Cost:- 25.00 Lakhs.						
	Administrative Approval NO:- BBMP/JC/VNK/PR/02/15-16. Dt 19-08-15.						
	Technical Sanction NO:- BBMP/CE/VNK/PR/05/15-16. Dt 19-08-15.						
	Work order NO:- EE/BTP/BBMP/E-PMT/214/2015-16. Dt 16-02-16.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 24/11/16						
	1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m. excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications						
	a) Yelagamma Layout 6th cross to 6th A cross	1	10.00	1.00	0.90 =	9.00 Cum	
	b) 6th A cross to 6th C cross	1	25.70	1.00	0.90 =	23.13 Cum	
	c) 6th C cross to 6th D cross	1	25.90	1.00	0.90 =	23.31 Cum	
	d) 6th D cross to 6th F cross	1	25.80	1.00	0.90 =	23.22 Cum	
	e) 6th F cross to 6th G cross	1	20.60	1.00	0.90 =	18.54 Cum	
	f) 6th B cross to cross Road	1	24.10	1.00	0.90 =	21.69 Cum	
	g) Ramachandrapura Main Road	1	18.50	1.00	0.90 =	16.65 Cum	
	Culverts	1	11.80	1.00	0.90 =	10.62 Cum	
	6th A cross	1	16.80	1.00	0.90 =	15.12 Cum	
		1	4.10	2.00	1.20 =	9.84 Cum	

171.12

Serial No.....

Name of work.....

Name of Contractor of nature o

Date of commencement of work

Date	Full description, etc, of wor
1	2
	6th C cross Road
	6th D cross Road
	6th F cross Road
	Cross Road
	Kariyappa Layout
	DeSilting of Drains in hanuman Layout Main Road

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

epth 6	Contents 7	Reference to last Measurement 8
dnary soil involving an average lift upto 0.5m. excavated Surface earth to be levelled neatly after ns)		
0 =	9.00 Cum	
0 =	23.13 Cum	
0 =	23.31 Cum	
0 =	23.22 Cum	
0 =	18.54 Cum	
0 =	21.68 Cum	
0 =	16.65 Cum	
0 =	10.62 Cum	
0 =	15.12 Cum	
=	9.84 Cum	

171.12

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

231355

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 171.12 7	Reference to last Measurement 8
	6th C cross Road	1	4.85	2.00	1.20 =	11.88 Cum	
	6th D Cross Road	1	3.90	2.00	1.20 =	9.36 Cum	
	6th E cross Road	1	3.60	2.00	1.20 =	8.64 Cum	
	Cross Road	1	4.40	2.00	1.20 =	10.56 Cum	
	Kattappa Layout	1	5.00	2.00	1.20 =	12.00 Cum	
		1	5.20	2.00	1.20 =	12.48 Cum	
		1	4.90	2.00	1.20 =	11.76 Cum	
	Desilting of Drains in hanuman Layout Main Road	2	30.00	0.60	0.25 =	9.00 Cum	
		2	30.00	0.60	0.35 =	12.60 Cum	
		2	15.00	0.60	0.35 =	6.30 Cum	
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	28.00	0.60	0.45 =	15.12 Cum	

307.07

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents 307.07	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.60	0.45 =	16.20 cum	
		2	22.00	0.60	0.35 =	9.24 cum	
		2	30.00	0.60	0.35 =	12.60 cum	
		2	15.60	0.60	0.40 =	7.49 cum	
					Total =	352.55 cum 352.60	
		Qty limited to Tender			=	352.26 cum	
		@ Rs 70.00				Rs 24658.00	
						Jadhav AE 24/11/16	
	Measurement continued on 21/12/16						
2)	providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with down and down size graded granite metal coarse aggregates machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted in foundation and plinth, including cost of all materials, labour HOM of machinery						
a)	Yelgamma Layout 6th cross to 6th A cross	1	10.00	1.00	0.15 =	1.50 cum	
b)	6th A cross to 6th C cross	1	25.70	1.00	0.15 =	3.86 cum	
c)	6th C cross to 6th D cross	1	25.90	1.00	0.15 =	3.89 cum	

AEE (VRP) SD

9.25

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
d)	6th D cross to 6th F cross	
e)	6th F cross to 6th G cross	
f)	6th B cross to cross Road	
g)	Ramachandrappa Main Road Culverts 6th A cross 6th C cross 6th D cross 6th F cross	

OOK

		Contents	Reference to last Measurement
dth	Depth 6	307.07 7	8
0	0.45 =	16.20cum	
0	0.35 =	9.24cum	
	0.35 =	12.60cum	
	0.40 =	7.49cum	
	Total =	352.55cum 352.60	
ender	=	352.26cum	
		Rs 24658.00	

Sadhan AE 24/11/16

ment concrete of mix 1:4:8 with OPC graded granite metal coarse aggregates ot, exceeding 15cms, thick, well compacted all materials, labour HOM of machinery

	0.15 =	1.50cum
	0.15 =	3.86cum
	0.15 =	3.89cum

9.25

M.A.R. 57 (Rule 1

Measurement Book No. C/09 231356

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
d)	6th D cross to 6th E cross	1	28.80	1.00	0.15 =	3.87cum	
e)	6th E cross to 6th G cross	1	20.60	1.00	0.15 =	3.09cum	
		1	24.10	1.00	0.15 =	3.62cum.	
f)	6th B cross to cross Road	1	18.50	1.00	0.15 =	2.78cum	
		1	11.80	1.00	0.15 =	1.77cum	
g)	Ramachandrapara Main Road	1	16.80	1.00	0.15 =	2.52cum	
	Culverts						
	6th A cross	1	4.10	1.80	0.15 =	1.11cum	
	6th C cross	1	4.85	1.80	0.15 =	1.34cum	
	6th D cross	1	3.90	1.80	0.15 =	1.05cum	
	6th F cross	1	3.60	1.80	0.15 =	0.97cum.	

31.37

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents 28.37	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road	1	4.40	1.80	0.15 =	1.19 cum	
	6th A Cross	1	3.70	1.80	0.15 =	1.00 cum	
	Kallappa Layout	1	5.80	1.80	0.15 =	1.57 cum	
		1	5.60	1.80	0.15 =	1.51 cum	
					Total =	36.61 cum	33.64.
		Qty limited to Tender			=	34.47 cum	
		@ Rs 4600.00				Rs 158562.00	
3)	Providing and constructing granite/trap/basalt Size stone masonry in superstructure with cement mortar 1:6 edges of stones chisselled dressed in courses not less than 15cms high, bond stones at 2m apart in each course including cost of materials.						
	Culverts (CSSM walls)						
	6th A Cross	2	4.10	0.60	0.90 =	4.43 cum	
	6th C Cross	2	4.85	0.60	0.90 =	5.35 cum	

9.78

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	6th D Cross
	6th E Cross
	Cross Road
	6th A Cross
	Kallappa Layout

OK

th	Depth 6	Contents 28.37 7	Reference to last Measurement 8
	0.15 =	1.19 cum	
	0.15 =	1.00 cum	
	0.15 =	1.57 cum	
	0.15 =	1.51 cum	
	Total =	36.61 cum	33.64.
der	=	34.47 cum	
		Rs 158562.00	

Size stone masonary in Superstructure
rubble dressed in courses not less than
course including cost of materials.

	0.90 =	4.43 cum	
	0.80 =	5.35 cum	

9.78

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 231357

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 9.78 7	Reference to last Measurement 8
	6th D cross	2	3.90	0.60	0.90 =	4.21 cum	
	6th E cross	2	3.60	0.60	0.90 =	3.89 cum	
	cross Road	2	4.40	0.60	0.80 =	4.75 cum	
	6th G cross	2	3.70	0.60	0.90 =	4.00 cum	
	Kallappa Layout	2	3.80	0.60	0.90 =	6.26 cum	
		2	5.60	0.60	0.90 =	6.05 cum	
					Total =	38.83 cum	38.94.
		Qty limited to Tender			=	38.88 cum	
		@ Rs 4600.00				Rs 178848.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	a) providing ruled pointing to coursed stone masonary with cement mortar 1:4 20mm deep after raking joints to depth of 20mm nicely lining including cost of materials labour, curing complete as per specification) cement motter 1:4.						
	Culverts						
	6ft A Cross	2	4.10		0.90 =	7.38 Sqm	
	6ft C Cross	2	4.95		0.90 =	8.91 Sqm	
	6ft D Cross	2	3.90		0.90 =	7.02 Sqm	
	6ft T Cross	2	3.60		0.90 =	6.48 Sqm	
	Cross Road	2	4.40		0.90 =	7.92 Sqm	
	6ft Q Cross	2	3.70		0.90 =	6.66 Sqm	
	Kallappa Layout	2	5.80		0.90 =	10.44 Sqm	
		2	5.60		0.90 =	10.08 Sqm	
		26			Total =	64.89 Sqm	
	Qty limited to Tender				=	64.80 Sqm	
	@ Rs 85.00					Rs	5508.00

AEE (VRP) SD

Jeetha
AE 21/12/16

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
5)	Measurement providing T.M.T Steel cutting bending, hooks required, tying with wherever necessary comp measured and Paid) c
	Qty vide Premeasu of this M.B. No. 2
	@ Rs 77000.00

OK

th	Depth 6	Contents 7	Reference to last Measurement 8
		masonary with Cement mortar 1:4	
		of 20mm nicely lining, including	
		as per specification) Cement mortar	
	0.90 =	7.38 Sqm	
	0.90 =	8.91 Sqm	
	0.90 =	7.02 Sqm	
	0.90 =	6.48 Sqm	
	0.90 =	7.92 Sqm	
	0.90 =	6.66 Sqm	
	0.90 =	10.44 Sqm	
	0.90 =	10.08 Sqm	
	Total =	64.89 Sqm	
der	=	64.80 Sqm	
		Rs	5508.00

Jeetha
AE 21/12/16

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 231358

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Measurement continued on 1-1-2017						
5)	providing T&M.T Steel reinforcement for R.C.C. work including straightening, cutting bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials.						
	Qty vide Premeasurement of page No — 231385 to 86 of this M.B. No. 2314					= 3.68 Qtl	
	@ Rs 77000.00					Rs	283360.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	Providing and removing centering, shuttering, strutting propping etc and removal of form work for vertical surface such as walls of any thickness including attached Pilasters, buttresses, plinth and string courses cost of all materials.						
a)	Yelagamma Layout 6th Cross to 6th A Cross	4	10.00		0.65 =	26.00 Sqm	
b)	6th A Cross to 6th C Cross	4	25.70		0.65 =	66.82 Sqm	
c)	6th C Cross to 6th D Cross	4	25.90		0.65 =	67.34 Sqm	
d)	6th D Cross to 6th E	4	25.80		0.65 =	67.08 Sqm	
e)	6th E Cross to 6th A	4	20.60		0.65 =	53.56 Sqm	
		4	24.10		0.65 =	62.66 Sqm	
f)	6th 'B' Cross to Cross Road	4	18.50		0.65 =	48.10 Say	
		4	11.80		0.65 =	30.68 Sqm	
	Culverts						
a)		1	4.40	0.60	=	2.46 Say	
b)		1	4.95	0.60	=	2.97 Sqm	
c)		1	3.90	0.60	=	2.34 Sqm	

430.03

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
d)	
e)	
f)	
	For Assistant Executive Engineering Vidyaranyapura Sub Division BBMP, Bangalore
a)	
b)	
c)	
d)	
e	
f)	

OK

th	Depth 6	Contents 7	Reference to last Measurement 8
y,		Strutting propping etc and	
e		such as walls of any thickness	
lunty		and storey courses cost of	
	0.65 =	26.00 Sqm	
	0.65 =	66.82 Sqm	
	0.65 =	67.34 Sqm	
	0.65 =	67.08 Sqm	
	0.65 =	53.56 Sqm	
	0.65 =	62.66 Sqm	
	0.65 =	48.10 Sqm	
	0.65 =	30.68 Sqm	
	=	2.46 Sqm	
	=	2.97 Sqm	
	=	2.34 Sqm	

430.03

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 231359

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 430.03 7	Reference to last Measurement 8
d)		1	3.60	0.60	=	2.16 Sqm	
e)		1	4.40	0.60	=	2.64 Sqm	
f)		1	3.70	0.60	=	2.22 Sqm	
		1	5.80	0.60	=	3.48 Sqm	
		1	5.60	0.60	=	3.36 Sqm	
a)		2	4.60		0.23 =	1.89 Sqm	
b)		2	4.95		0.23 =	2.28 Sqm	
c)		2	3.90		0.23 =	1.79 Sqm	
d)		2	3.60		0.23 =	1.66 Sqm	
e		2	4.40		0.23 =	2.02 Sqm	
f)		2	3.70		0.23 =	1.70 Sqm	
		2	5.8		0.23 =	2.67 Sqm	

458.90

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents 458.90	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Deck Slabs	2	5.80		0.23 =	2.67 Sqm	
a)	6th A Cross	2	1.80		0.23 =	0.83 Sqm	
b)	6th C Cross	2	1.80		0.23 =	0.83 Sqm	
c)	6th 'D' Cross	2	1.50		0.23 =	0.69 Sqm	
d)	6th E Cross	2	1.80		0.23 =	0.83 Sqm	
e)	Cross Road	2	1.80		0.23 =	0.83 Sqm	
f)	6th A Cross	2	1.50		0.23 =	0.69 Sqm	
		2	1.80		0.23 =	0.83 Sqm	
		2	1.80		0.23 =	0.83 Sqm	
					Total =	466.80 Sqm	467.10
						Qty limited to Tender = 439.13 Sqm	
						@ Rs 275.00	
						Rs 120761.00	

Mahajan 01/01/17
AEE (VRP) SD

Zaptha
AE 1/1/17

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
7)	Measure providing and laying in cement @ 240 kgs with aggregate and fine agg exceeding 15cms thick including cost of all	
a)	6th A Cross (Coping)	t
b)	6th C Cross	t
c)	6th D Cross	t
d)	6th E Cross	t
e)	Cross Road	t
f)	6th A Cross	t

Depth 6	Contents 458.90 7	Reference to last Measurement 8
0.23 =	2.67 Sqm	
0.23 =	0.83 Sqm	
0.23 =	0.83 Sqm	
0.23 =	0.69 Sqm	
0.23 =	0.83 Sqm	
0.23 =	0.83 Sqm	
0.23 =	0.69 Sqm	
0.23 =	0.83 Sqm	
0.23 =	0.83 Sqm	
Total =	466.80 Sqm	467.10
ler =	439.13 Sqm	
	Rs 120761.00	
	Zaidha	
	AE 1/11/17	

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

231360

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
7)	Measurement continued on 12-1-2017 Providing and laying in Position Plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregate and fine aggregate machine mixed, concrete laid in layers not exceeding 15cms thick well compacted in foundation, plinth and Cills including cost of all materials. labour.						
a)	6ft A cross (Coping)	1	4.10	1.80	0.10 =	0.74 cum	
b)	6ft C cross	1	4.05	1.80	0.10 =	0.89 cum	
c)	6ft D cross	1	3.90	1.80	0.10 =	0.70 cum	
d)	6ft P cross	1	3.60	1.80	0.10 =	0.65 cum	
e)	Cross Road	1	4.40	1.80	0.10 =	0.79 cum	
f)	6ft a cross	1	3.70	1.80	0.10 =	0.67 cum	

4.44

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Culverts Ramp	2	5.80	1.80	0.10 =	1.04 Cum	
		1	5.60	1.80	0.10 =	1.01 Cum	
	a) 6th A cross	2	4.10	1.00	0.15 =	1.23 Cum	
	b) 6th C cross	2	4.85	1.00	0.15 =	1.46 Cum	
	c) 6th D cross	2	3.90	1.00	0.15 =	1.17 Cum	
	d) 6th E cross	2	3.60	1.00	0.15 =	1.08 Cum	
	e) Cross Road	2	4.40	1.00	0.15 =	1.32 Cum	
	f) 6th G cross	2	3.70	1.00	0.15 =	1.11 Cum	
		2	5.80	1.00	0.15 =	1.74 Cum	
		2	5.60	1.00	0.15 =	1.68 Cum	
					Total =	17.30 Cum	17.52
						Qty limited to Tender = 17.28 Cum	
						@ Rs 4900.00	
						Rs 84672.00	

C&F
Mamta
AEE (VRP) SD 1/01/17

Zeeshan
AE 11/1/2017

Serial No.....

Name of work.....

Name of Contractor of nature

Date of commencement of wor

Date	Full description, etc, of wo
1	2
8)	Measurements
	Providing and lay
	M20 with OPC Ce
	metal, coarse aggre
	exceeding 15cms
	ground floor level
	Cary thickness) in
	Pillars, Posts, Str
	Bottom concrete
a)	
b)	
c)	

OK

th	Depth 6	Contents 7	Reference to last Measurement 8
	0.10 =	1.04 Cum	
	0.10 =	1.01 Cum	
	0.15 =	1.23 Cum	
	0.15 =	1.09 Cum	
	0.15 =	1.17 Cum	
	0.15 =	1.08 Cum	
	0.15 =	1.32 Cum	
	0.15 =	1.11 Cum	
	0.15 =	1.14 Cum	
	0.15 =	1.08 Cum	
	Total =	17.30 Cum	17.52
ender	=	17.28 Cum	
		Rs 84672.00	

Zeeshan
AE 11/11/2017

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

231361

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Measurements continued on 2-2-2017						
8)	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal, coarse aggregates machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for slabs, staircase, lintels retaining walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts buttresses, string or lacing courses.						
	Bottom concrete						
a)		1	10.00	1.00	0.15 =	1.50 Cum	
b)		1	25.70	1.00	0.15 =	3.86 Cum	
c)		1	25.90	1.00	0.15 =	3.89 Cum	

9.25

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents 9.25	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
d)		1	25.80	1.00	0.15 =	3.87 Cum	
e)		1	20.60	1.00	0.15 =	3.09 Cum	
f)		1	24.10	1.00	0.15 =	3.62 Cum	
		1	18.50	1.00	0.15 =	2.78 Cum	
		1	11.80	1.00	0.15 =	1.77 Cum	
	Drain walls						
a)		2	10.00	0.15	0.60 =	1.80 Cum	
b)		2	25.70	0.15	0.65 =	5.01 Cum	
c)		2	25.90	0.15	0.65 =	5.05 Cum	
d)		2	25.80	0.15	0.65 =	5.03 Cum	
e)		2	20.60	0.15	0.60 =	3.71 Cum	
f)		1	24.10	0.15	0.65 =	2.35 Cum	
		2	18.50	0.15	0.65 =	3.61 Cum	
	Culverts Deck Slabs	2	11.80	0.15	0.60 =	2.12 Cum	
a)		1	4.10	1.80	0.23 =	1.70 Cum	
b)		1	4.95	1.50	0.23 =	1.71 Cum	
c)		1	3.90	1.80	0.23 =	1.61 Cum	
d)		1	3.60	1.80	0.23 =	1.49 Cum	

59-62

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work...

Date	Full description, etc, of work
1	2
c)	
f)	

AEE (VRP) SD

BOOK

ns Breadth 5	Depth 6	Contents 9.25 7	Reference to last Measurement 8
00	0.15 =	3.87 Cum	
00	0.15 =	3.09 Cum	
00	0.15 =	3.62 Cum	
00	0.15 =	2.78 Cum	
00	0.15 =	1.77 Cum	
15	0.60 =	1.80 Cum	
15	0.65 =	5.01 Cum	
15	0.65 =	5.05 Cum	
15	0.65 =	5.03 Cum	
15	0.60 =	3.71 Cum	
15	0.65 =	2.35 Cum	
15	0.65 =	3.61 Cum	
5	0.60 =	2.12 Cum	
0	0.23 =	1.70 Cum	
0	0.23 =	1.71 Cum	
0	0.23 =	1.61 Cum	
0	0.23 =	1.49 Cum	

59.62

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 231362

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 59.62 7	Reference to last Measurement 8
c)		1	4.40	1.80	0.23 =	1.52 Cum	
d)		1	3.70	1.80	0.23 =	1.28 Cum	
		1	5.80	1.80	0.23 =	2.40 Cum	
		1	5.60	1.80	0.23 =	2.32 Cum	
					Total =	67.07 Cum	67.4
	Qty limited to Tender				=	66.88 Cum	
	@ Rs 5800.00					Rs 387904.00	

AEE (VRP) SD

Jeedhas
AE 2/2/17

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Continued on 20/3/17						
	g) Providing and fixing Pre Cast RCC Slab as per approved design, Specifications and Direction of Engineer in-charge						
	a)	17	0.60	0.90		= 9.18 Sqm	
	b)	43	0.60	0.90		= 23.22 Sqm	
	c)	43	0.60	0.90		= 23.22 Sqm	
	d)	43	0.60	0.90		= 23.22 Sqm	
	e)	34	0.60	0.90		= 18.36 Sqm	
	f)	40	0.60	0.90		= 21.60 Sqm	
		31	0.60	0.90		= 16.74 Sqm	
		20	0.60	0.90		= 10.80 Sqm	
	g) Ramachandrapura Main Road LIS	28	0.60	0.90		= 15.12 Sqm	
	h) Haraman Layout Main Road	28	0.60	0.90		= 15.12 Sqm	
		10	0.60	0.90		= 5.40 Sqm	
		10	0.60	1.20		= 7.20 Sqm	
						195.18	

CRFS. 30/6 ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work....

Date	Full description, etc, of work
1	2
	i) Ramachandrapura Main Road LIS
	1) RLS

CRFS. 30/6 ಕಾರ್ಯಪಾಲಕ

Depth 6	Contents 7	Reference to last Measurement 8
) Per approved design, specifications		
=	9.18 Sqm	
=	23.22 Sqm	
=	23.22 Sqm	
=	23.22 Sqm	
=	18.36 Sqm	
=	21.60 Sqm	
=	16.74 Sqm	
=	10.80 Sqm	
=	15.12 Sqm	
=	15.12 Sqm	
=	5.40 Sqm	
=	7.20 Sqm	
	195.18	

M.A.R. 57 (Rule 1[illegible])

Measurement Book

No. C/09 231363

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		8	0.60	1.20	=	5.76 Sqm	
i)	Ramachandrapura Main Road LHS	21	0.60	0.90	=	11.34 Sqm	
		22	0.60	0.90	=	11.88 Sqm	
		14	0.60	1.20	=	10.08 Sqm	
		100	0.60	1.20	=	72.00 Sqm	
		34	0.60	1.20	=	24.48 Sqm	
		100	0.60	0.90	=	54.00 Sqm	
		100	0.60	0.90	=	54.00 Sqm	
1)	RCS	84	0.60	1.20	=	60.48 Sqm	
		100	0.60	0.90	=	54.00 Sqm	
		100	0.60	0.90	=	54.00 Sqm	
						607.20	

C.F.S. 30/06

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	607.20	
1	2	3	4	5	6	7	8
		80	0.60	0.90	=	48.60 Sqm	
		100	0.60	0.90	=	54.00 Sqm	
		100	0.60	0.80	=	54.00 Sqm	
		42	0.60	0.90	=	22.68 Sqm	
					Total =	780.48 Sqm	786.48
		Qty limited to Tender			=	778.50 Sqm	
		@ Rs 1350.00				Rs 1050975.00	
	10) Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per specifications						
	Qty vide Item no-01				=	204.31 Cum	
	@ Rs 70.00					Rs 14302.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work	
1	2	
	Accepted all full and R	
	Certificate:-	
	Certified that the i'ssued from dep	
	Jadhav AE 20/3/17	

OK

th	Depth 6	Contents 607.20 7	Reference to last Measurement 8
	=	48.60 SEnd	
	=	54.00 SEnd	
	=	54.00 SEnd	
	=	22.68 SEnd	
	Total =	780.48 SEnd	786.48
der	=	778.50 SEnd	
		Rs 1050975.00	
yable at carriage rates by d unloading etc complete as per			
	=	204.31 Cum	
		Rs 14302.00	

M.A.R. 57 (Rule

Measurement Book No. C/09 231364

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

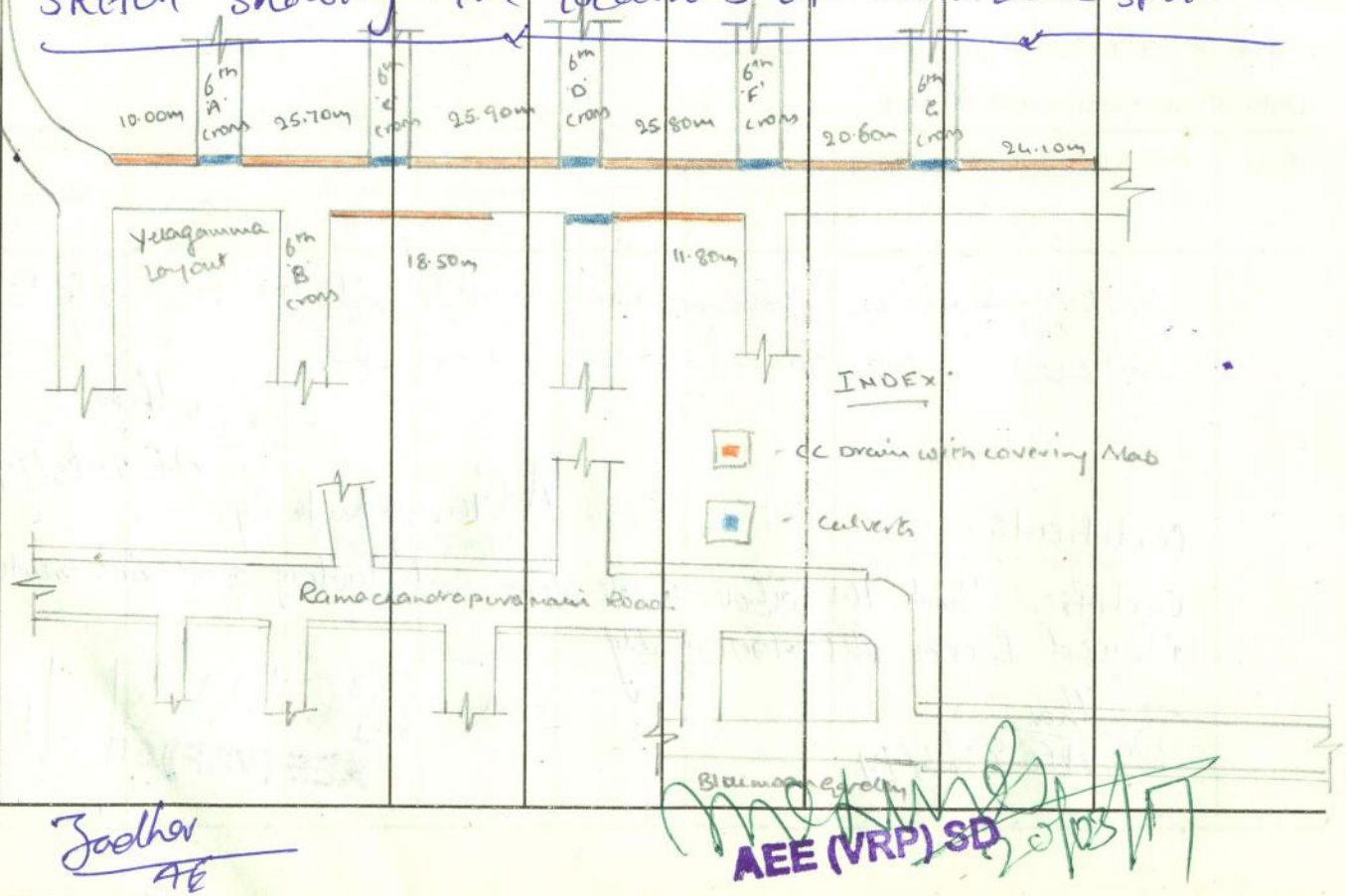
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Accepted all measurements as full and final Settlement.					Total Rs	2309550.00
						Zadhav AE 20/3/17	
	Certificate:- Certified that the above work done Satisfactory and no-materials issued from departmentally A. Gangulu Reddy (contractor) Zadhav AE 20/3/17 AEE (VRP) SD 20/3/17						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Sketch Showing the locations of work done spot



Jadhav
AE

AEE (VRP) SD

BR/214/30.6.

Serial No.....

Name of work.....

Name of Contractor of nature of

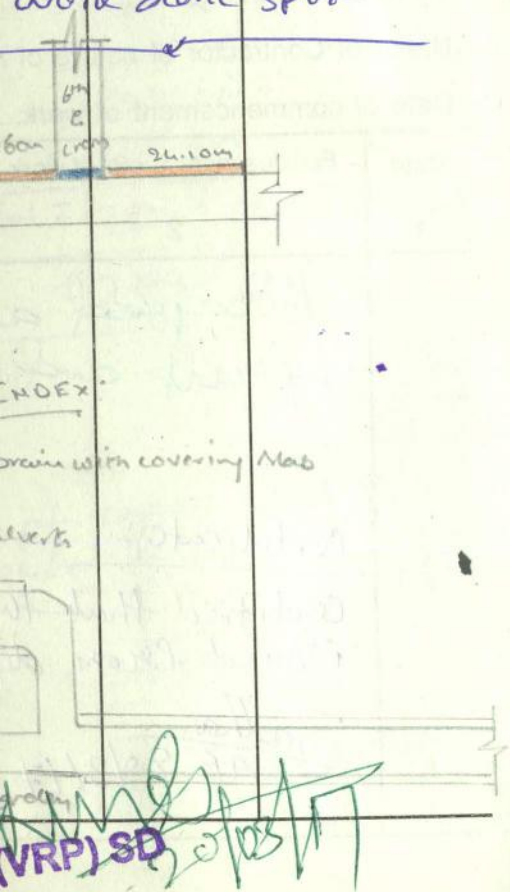
Date of commencement of work..

Date	Full description, etc, of work
1	2

23.0

Twenty one Lakh

epth 6	Contents 7	Reference to last Measurement 8
	work done spot	



(VRP) SD

BR/214/30.6.17.

M.A.R. 57 (Rule 1

Measurement Book

No. C/09 231365

Serial No.....

Name of work.....From.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	ಬಿಲ್ಲು ಮೊತ್ತ ರೂ. 23.09.550-00 ಕಡಿತ ಮಾಡಬೇಕಾದ ಮೊತ್ತ ರೂ. 1,75,713-00 ಚೆಕ್ಕಿನ ಮೂಲಕ ಪಾವತಿಸಬೇಕಾದ ಮೊತ್ತ ರೂ. 21,33,837-00 Rs: Twenty one Lakh Thirty three thousand eight hundred Thirty seven only. ಅಳತೆಗಾರರ ಸಹಿಯಲ್ಲಿ ಪರಿಶೀಲಿಸಿದವರು ಸ. ಅ. ಇ. ಸಹಾಯಕ ಆಯುಕ್ತರ ಸಹಿಯಲ್ಲಿ ಸ. ಆ. ಇ. ಇ. 30/6 30%					Total Rs: 2309550-00 ST - 23096-00 VAT - 92382-00 Cess 23096-00 CBF 2310-00 LR 30024-00 Fine 4500-00 Add: 175713-00 Chqd 21,33,837-00	